

LABORATORY NOTEBOOK

SERIAL No. RLA Nº 10512

ASSIGNED TO ______ TO_____ DEPT. Polyner Core Technology

FROM ______ TO_____ TO_____

LAST PREVIOUS NOTEBOOK SERIAL No. ______ DATE ______
SUCCEEDING NOTEBOOK ______ DATE ______
FIRST ENTRY DATE ______ FIRST ENTRY DATE _______

Date

E Cure of Ad losive	Through Fiber	DATE		···	<u> </u>
	ou corable achesive	at end of	SMFZ8.		·
<i>EFPO</i> 1	End Fire pistail 01				
No. 1					
mulh					
Mar					
> n					
Sefone Cure.					<u>y</u>
		NO.	A81 before cire -	215 micron	
After		Zqud			
Cure			•		
	The state of the s	6			9
into fiber			7		
- Zmin with			Solid?		
					74
Alhesne	appears to be used	in a tix	lit eg Tin der	atendof;	ter
			,		
ect No.	Signature	101	n	Date	

Witnessed By

Date

itnessed By

LE UV FIDE EN	.d Fire Cive Fechings			
SMF28 Figure				Before Endfine UV cure
Preuv Fla a gel so I wo	NOA81 before u	v fiber 12/2/99 Fiber for 305 coments during e		Note as
	nd fire Cured.	Will the cured region	an wave guide?	
Project No. Witnessed By	Date	Witnessed By	Date	

TITLE VV End	orison of precuring	DATE	<u></u>	· .
PUHPOSE CLOT CANAL CONTRACT CO		i	13199 I tried 5 He Ne down! I could se at endon. I not see it pur enagh scatt	hosting a he sample. redlight cumb 3vt I and e pondrevler No
V Lire	NOAS after by exposure strough the fiber	Liqu 215 mezon	Swirly	o convection
DU AFire.		Pre Ge	Cyl agh	ecisely chiqued to Fibre cone.
	NOABL after Without 12/2/99	215 mczon:	. ,	Ks in The no convection make above in
	Matthe a	process used to	r piz failing	
Project No.		Signature AMS	Ch	Date
Witnessed By	Date	Witnessed By		Date

CORNING INCORPORATED

Witnessed By	Date	Witnessed By		Date	
Project No.	Signa	mally	7	Date	
	### PART ### 1984 1884 1884 1884 1884 1884 1884 1884 1884 1884 1884 1884 1884 1884		1		· · · · · · · · · · · · · · · · · · ·
	and the state of the second contract of the s				and the second s
THEOGRAPH AND DESCRIPTION OF THE PROPERTY OF T					
endfire pigtail 03 sample	after postcure flood	215 micron			
	SCUSS TO LET			· · · · · · · · · · · · · · · · · · ·	
	ション・ディング				
	<u> </u>				
MAG					
2001				J 7 Fiber	UV, core so
lockin structure.				7	· arinsp
After end Fire cure the sample with 30	w lamp for	light		UV (
				g lass 5 1 kg	, vela/mioH
Afto preget stay one prigtail for	zam with Gi	eenpot.			
After presel star	e endfire core				
Use & two Fl	at cleaved f	ike-s	βd	hisive	
Flood to pre	ce (w.H 30	w lano -	Fur 305	C4 cm dis	tance
Matoral: NO	401 18 F	12.7			
Sample EFPOZ	(Enl.Fire	pigtail 02)		a nama na pama na pama P	
JRPOSE	2 0 10 10 10 10 10 10 10 10 10 10 10 10 1			·	
TLE Endtire cue of	a d he sive	DATE			

Sultance Enterel	ns/ra	DATE			
Smultneas Endfire C DSE SMFZ8-SMFZ8	0	NOA 81		н	
352			and a second of the second of	EFP04	
The state of the s	en de la companya de La companya de la companya de	AMAN 200 AMAN AMAN AMAN AMAN AMAN AMAN AMAN AM	CONNEC	and the second s	
merh					
				loox	Mag.
			(No.)		
					:
	EFP04 SMF3	3-SMF28 100x	215 mi		
				Pussi, L	le Names
				B.I	Iseye Pigtin
- New York					ost splice
					in ton solice
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				· · · · · · · · · · · · · · · · · · ·	
				7001	23.0.C
The second of th				LOY.	
					Jan d'Africe
				15 - 50	deal difference edenough to ight.
				gueil	14 141
	EFP04 SMF-	SWF 200x Mag	105 mi	cron	
					and the second s
ject No.	Sign	nature	1100	/ I	Datr
nessed By	Date	/	ssed By	1	Dat .

		_			
FFPOSS	Samela	Rofers	Alle	 •	

	myse selactiff	•	
E FP o	5 Before + Af	ter Balsey Process	s)MG
			8
			SmFZ8-SmFZ8
			Gap. This sample went trough thom (cyclin on page 79.
			o ~ page 79.
	NO endfire NOA81 flood cur	ed 105 micron	
MAN SURE			
			After Themal Cycling Invote a Bullseye wavesing betweenthe two Flors
			betweenthe two Fibers
			;
Parks and the second second			
Bu	lseye written after thermal cy	rcle 105 micron	
et No.	Sig	nature ()	Date
ssed By	Date	Witnessed By	Date

		•	Hen_DATE		
URPOSE EFP (05 After 1	Billsen			
				50.00	- Ka Ca la
				OF CONTROL	Z this noteba
				500 x	magnification
		17 A237			
		\(
E	Bullseye written after the	rmal cycle 500x	40 mic	ron	
7/0/66	ed a fault lo	catry pr	taled He	Ne laser. I	cald not
710147 . US	1.137 3.				Com art 1/1
2/8/69. Us See an	y reflections the other	- Connector	- very b	rght.	ame at ve
See an	y reflections the other	- Connector	Lege Join L		ame at Va
600 9	The other	Connector		nght.	ame at Va
See an end of	The offer	Connector	TER He Nelig	nght.	ame at Va
lk d	The offer	Connector		nght.	ame at Va
lk d	The offer	Connector		nght.	ame at Va
lk d	The offer	Connector		nght.	ame at Vu
lk d	The offer	Connector		nght.	ame at Vu
lk d	The offer	Connector Connector		nght.	Date.

TITLE LOC Athernalization	De VICE DATE	<u> </u>	·
	Fire corning impo	ous lossin Loc deur	.વ
	<u> </u>		
30,	un deep trench.		
uand ty	- CV	· wand tip	
6o	wave guides		
FIL trench wi	th index oil to a	nate slab wave since.	
100 100		N land	1. / 1xz Green
18 A G M 92 V	+ endthe by	placing ur wan	as (ircae
at end of tuse ds	silva block device		
	معنی داده می میکند. این از این		
	mu DIL	The endfire te	chaque improved
Comparison of IL vs. Channel LOC Athermalization Device	Mar CH IN	the loss modest	ly at the
(port 1 largest pathlength 60 is the shorter	st)	No change seen	at shortest con
-2 - y = -6.6587 + 0.088206x R= 0.99262 -2 - y = -7.158 + 0.094927x R= 0.99532	process and the second	Slove de creaseds	<u> </u>
-3			7
(R) -4	Slope decreased by 7.17	bat Slave to b	e flat across
= -5 	From slab toend Fire cure	TI > goodfood	dit not work
-6 Foliand Foliand		most likely becan	re UV over Flade
-7 SILЬ → —— Index O	"	the true silver	bluck.
-8 0 10 20 30 40 50	0 60	each change	on tiker to
Port #		then wend to	e cure of to
		with want gules	
Styhtimpron met in los	s across the divice		
		<u>0</u>	. Date
Project No.	Signature	20 XIM	Date
Witnessed By	Date Witne	ssed By	Date